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IN THE CLAIMS:

Please amend claims 1-4 and 7-9, and add new claims 14-19, as shown below in the detailed listing of all claims which are, or were in this application:

1. (Currently amended) Process for the production of an assembly comprising several silicone elements crosslinked by the polyaddition of  $\equiv\text{Si}-\text{H}$  units onto  $\equiv\text{Si}-\text{alkenyl}$  [[(preferably  $\equiv\text{Si}-\text{vinyl}$ )]] units, said elements adhering firmly to one another, comprising the following essential steps:

- (I) forming a silicone element (i) with a liquid silicone preparation (i) comprising:
  - polyorganosiloxanes (POS) A with  $\equiv\text{Si}-\text{alkenyl}$  [[(preferably  $\equiv\text{Si}-\text{vinyl}$ )]] units,
  - polyorganosiloxanes (POS) B with  $\equiv\text{Si}-\text{H}$  units,
  - at least one metal catalyst C, [[preferably based on platinum,]]
  - optionally at least one POS resin D carrying  $\equiv\text{Si}-\text{alkenyl}$  [[(preferably  $\equiv\text{Si}-\text{vinyl}$ )]] units,
  - optionally at least one crosslinking inhibitor E,

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- optionally at least one adhesion promoter F,
  - optionally at least one mineral filler G,
  - optionally at least one functional additive H for imparting specific properties,
- 
- (II) crosslinking the liquid silicone preparation (i) formed in step (I), the composition of this preparation and the crosslinking conditions being chosen in such a way that the crosslinked silicone element (i) has a surface density SD of unreacted, residual alkenyl [(preferably vinyl)] groups, per nm<sup>2</sup>, defined as follows:

SD ≥ 0.0015,

[(preferably SD ≥ 0.0030,

and particularly preferably 0.0100 ≥ SD ≥ 0.0040.]

- (III) optionally repeating steps (I) and (II) n times (n = positive integer) to give n elements (i) that adhere to one another,
- (IV) forming a silicone element (ii) by bringing the crosslinked silicone element or last crosslinked silicone element (i) into

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contact with a liquid silicone preparation (ii) comprising:

- polyorganosiloxanes (POS) A' with  $\equiv\text{Si-alkenyl}$  [[(preferably  $\equiv\text{Si-vinyl}$ )]] units,
  - polyorganosiloxanes (POS) B' with  $\equiv\text{Si-H}$  units,
  - at least one metal catalyst C', [[preferably based on platinum]],
  - optionally at least one POS resin D' carrying  $\equiv\text{Si-alkenyl}$  [[(preferably  $\equiv\text{Si-vinyl}$ )]] units,
  - optionally at least one crosslinking inhibitor E',
  - optionally at least one adhesion promoter F',
  - optionally at least one mineral filler G',
  - optionally at least one functional additive H' for imparting specific properties,
- (V) crosslinking the liquid silicone preparation (ii) formed in step [[(III)]] (IV) to give the crosslinked silicone element (ii) that adheres to the element or last element (i).

2. (Currently amended) Process according to claim 1, wherein a ratio R of the  $\equiv\text{Si-H}$  units to the  $\equiv\text{Si-alkenyl}$  [[(preferably  $\equiv\text{Si-$

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vinyl)] units in the selected liquid silicone preparation (i) is defined as follows:

$$R \leq 1[[,$$

$$\text{preferably } 0.80 \leq R \leq 0.98]].$$

3. (Currently amended) Process according to claim 2, wherein the selected liquid silicone preparation (i) comprises at least one hyperalkenylated [(preferably hypervinylated)] POS A providing  $\equiv\text{Si-alkenyl}$  [(preferably  $\equiv\text{Si-vinyl}$ )] units, whose content is greater than or equal to at least 2% by number, [(preferably greater than or equal to at least 3% and particularly preferably between 3 and 10% by number,)] the  $\equiv\text{Si-alkenyl}$  [(preferably  $\equiv\text{Si-vinyl}$ )] units advantageously being carried essentially by siloxy units D:  $-\text{R}_2\text{SiO}_{2/2}-$ .

4. (Currently amended) Process according to claim 1, wherein:

- the assembly produced comprises a [(preferably)] flexible substrate and several crosslinked silicone elements forming a multilayer coating adhering to the substrate;
- and:
  - step (I) comprises applying the liquid silicone preparation

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(i) to the substrate to form a crosslinked silicone layer (i),  
• and step (IV) comprises applying the liquid silicone preparation (ii) to the crosslinked silicone layer or last crosslinked silicone layer (i) carrying residual reactive groups on the surface, to form a crosslinked silicone layer (ii).

5. (Previously presented) Process according to claim 1, wherein the assembly produced is a silicone mold or molded object.

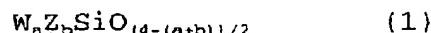
6. (Previously presented) Process according to claim 1, wherein steps (IV) and (V) are only carried out after a prolonged interruption of the process.

7. (Currently amended) Process according to claim 4, wherein the second and last liquid silicone preparation is [[identical to or, preferably,]] different from the first and[[, particularly preferably,]] is devoid of hyperalkenylated POS A°.

8. (Currently amended) Process according to claim 1, wherein the chosen POS (A & A') have siloxy units of the formula

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in which:

- the symbols W, which are identical or different, are each an alkenyl group [[and preferably a C<sub>2</sub>-C<sub>6</sub> alkenyl]];
- the symbols Z, which are identical or different, are each a non-hydrolyzable monovalent hydrocarbon group that is devoid of an unfavorable action on the activity of the catalyst, is optionally halogenated and is [[preferably]] selected from alkyl groups having from 1 to 8 carbon atoms inclusive, and from aryl groups;
- a is 1 or 2, b is 0, 1 or 2 and a + b is between 1 and 3;
- optionally at least some of the other units are units of the empirical formula



in which Z is defined as above and c has a value of between 0 and 3.

9. (Currently amended) Process according to claim 1, wherein the chosen POS (B & B') have siloxy units of the formula



in which:

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- the symbols L, which are identical or different, are each a non-hydrolyzable monovalent hydrocarbon group that is devoid of an unfavorable action on the activity of the catalyst, is optionally halogenated and is [[preferably]] selected from alkyl groups having from 1 to 8 carbon atoms inclusive, and from aryl groups;
- d is 1 or 2, e is 0, 1 or 2 and d + e has a value of between 1 and 3;
- optionally at least some of the other units being units of the empirical formula



in which L is as defined above and g has a value of between 0 and 3.

10. (Previously presented) Process according to claim 1, wherein the alkenyl groups W of the POS (A & A') and/or of the POS resins (D & D') are vinyl groups Vi carried by siloxy units D and optionally M and/or T.

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11. (Withdrawn) Liquid silicone formulation which can be used especially as a liquid silicone preparation (i) in the process according to claim 1, and which comprises:

- polyorganosiloxanes (POS) A with  $\equiv\text{Si-alkenyl}$  (preferably  $\equiv\text{Si-vinyl}$ ) units,
- polyorganosiloxanes (POS) B with  $\equiv\text{Si-H}$  units,
- at least one metal catalyst C, preferably based on platinum,
- optionally at least one POS resin D carrying  $\equiv\text{Si-alkenyl}$  (preferably  $\equiv\text{Si-vinyl}$ ) units,
- optionally at least one crosslinking inhibitor E,
- optionally at least one adhesion promoter F,
- optionally at least one mineral filler G,
- optionally at least one functional additive H for imparting specific properties,

wherein a ratio R of  $\equiv\text{Si-H}$  units to  $\equiv\text{Si-alkenyl}$  (preferably  $\equiv\text{Si-vinyl}$ ) units is defined as follows:

$$R \leq 1,$$

preferably  $0.80 \leq R \leq 0.98$ .

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12. (Withdrawn) Formulation according to claim 10, wherein its content of =Si-alkenyl (preferably =Si-vinyl) units is greater than or equal to at least 2% by number, preferably greater than or equal to at least 3% and particularly preferably between 2 and 10% by number, the =Si-alkenyl (preferably =Si-vinyl) units advantageously being carried essentially by siloxy units D: -R<sub>2</sub>SiO<sub>2/2</sub>-.

13. (Withdrawn) Multilayer crosslinked silicone elastomer coating obtainable by the process according to claim 1, wherein it has a layer delamination resistance, measured by a test T, greater than 1 N/cm, preferably greater than 2 N/cm and particularly preferably greater than 3 N/cm.

14. (New) The process of claim 1, wherein said =Si-alkenyl units comprise =Si-vinyl units.

15. (New) The process of claim 1, wherein said residual alkenyl groups comprise vinyl groups.

16. (New) The process of claim 1, wherein said surface density SD is SD ≥ 0.0030.

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17. (New) The process of claim 16, wherein said surface density SD is  $0.0100 \geq SD \geq 0.0040$ .

18. (New) The process of claim 3, wherein said liquid silicone preparation (i) comprises at least one hypervinylated POS A providing  $\equiv$ Si-vinyl units whose content is between 3 and 10% by number.

19. The process of claim 9, wherein said alkenyl group is a C<sub>2</sub>-C<sub>6</sub> alkenyl.